

Shashank Poola

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Summary

Full-Stack Developer with 1 year of freelance experience building and scaling web applications from 0 to 1. Strong across both frontend and backend development, with a focus on performance and reliable, user-centric products.

Projects

TradeX - Crypto Trading Platform [🔗](#)



- Built both web, mobile version, a crypto trading platform supporting BTC, SOL, and ETH with long/short positions, leverage, slippage, PnL, and stop-loss.
- Implemented a trading engine using Redis Streams for order processing and WebSockets for real-time market data.
- **Tech Used:** TypeScript, Express.js, React JS, Redis pub/sub, Streams, Prisma, Postgresql, WebSockets, Turbo repo, Docker, DigitalOcean.

AgentOS – AI Knowledge Search Platform [🔗](#)



- Built an AI-powered search platform that connects to Google Drive, indexes documents into a vector database, and enables semantic retrieval.
- Supports natural language queries across personal files and the web, includes tool calling like web search, web scraper, delivering unified, context-aware results.
- **Tech Used:** Next JS, Typescript, Nodejs, Express js, Qdrant, Gemini, Google Drive, Serper, Embeddings, Postgresql, JWT

PlutoLab - AI-Powered Website Builder [🔗](#)



- Built a Lovable-style AI website builder that generates and runs full-stack applications from user prompts using Gemini and Groq.
- Designed a sandboxed execution environment with a custom in-browser terminal to install dependencies, run servers, and stream logs securely.
- Implemented live preview domains for real-time application rendering and iteration.
- **Tech Used:** React JS, Typescript, Next JS, Express JS, Gemini, Grok, SandBox, Redis Pub/Sub, Tailwindcss, Prisma, JWT, zod, Postgresql, Prisma, Docker

Contract Full-Stack Developer

Self-Employed — Remote

2025 - Present

- Delivered 6+ client applications end-to-end, including backend APIs, frontend interfaces, database design, and deployment.
- Built scalable frontend and backend systems using modern JavaScript/TypeScript stacks.
- Collaborated directly with clients to refine features, fix production issues, and improve performance.
- **Tech Used:** Nodejs, React / Next JS, PostgreSQL, REST APIs, Deployment(Vercel/DigitalOcean)

Technologies

Frontend: TypeScript, JavaScript, React, React Native, Next.js, Tailwind CSS, Expo, Framer motion, GSAP,

Backend: Node.js, Express, PostgreSQL, Go, Rust, Prisma, Pub/Sub, WebSockets, Axum, Zod, JWT, Bcrypt, Redis streams, MongoDB.

AI tools: Qdrant, Serper, Groq, Gemini, Google Embeddings

Tools & DevOps: Git, GitHub, Docker, Turborepo, Vercel, DigitalOcean, Cloudflare

Education

Bharat Institute of Engineering and Technology
B.tech in Computer Science(AIML)

2022 – 2025